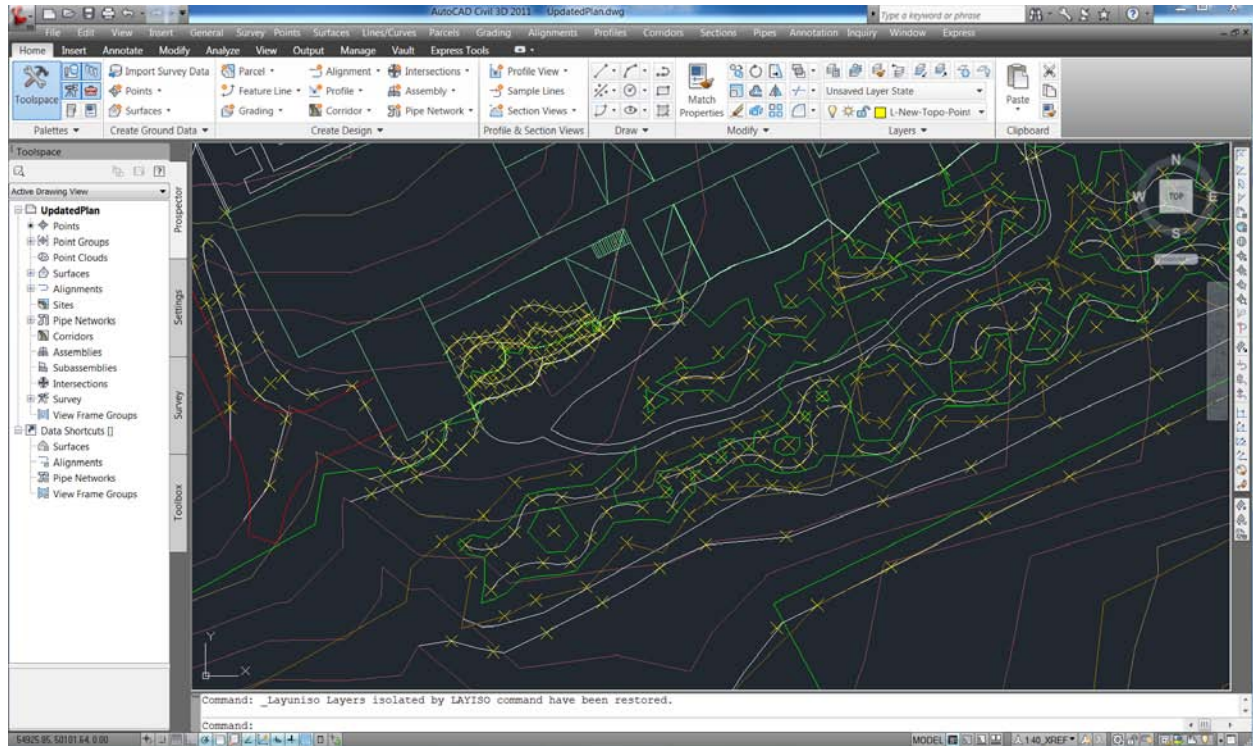


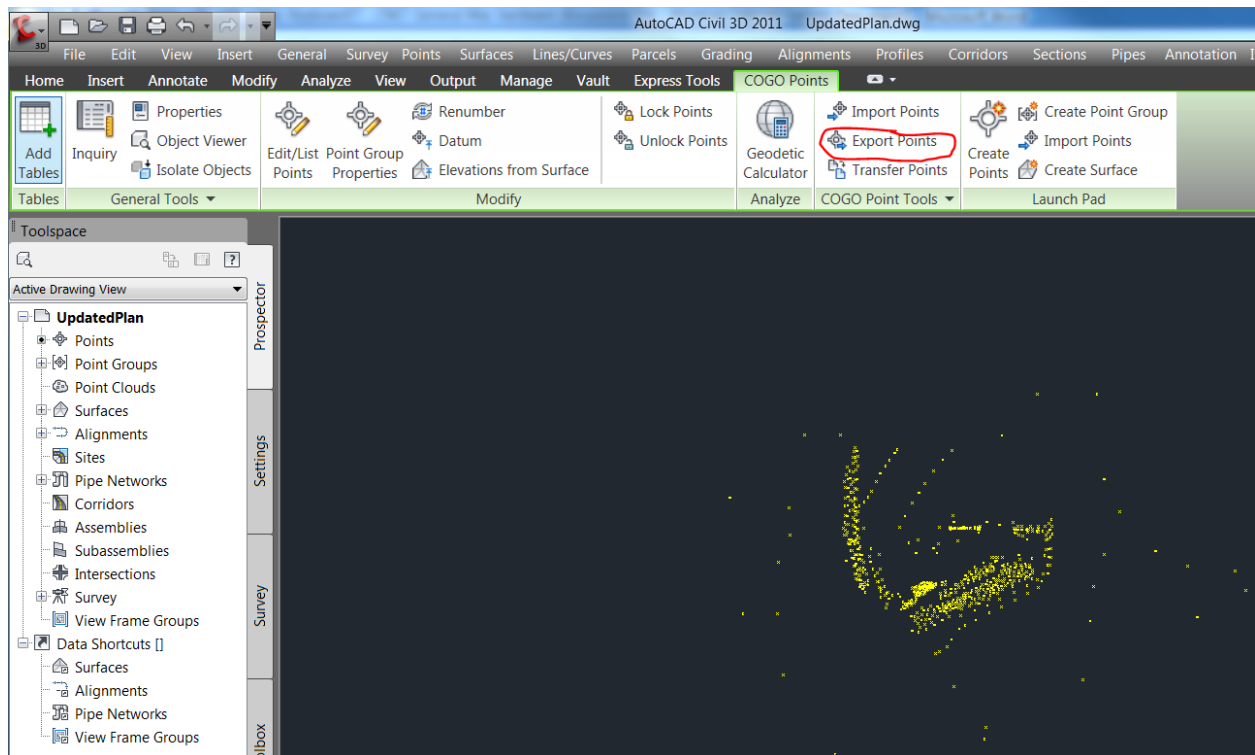
Creating a Site Model in Revit from Spot Elevations in AutoCAD or Civil 3D

Select Spot elevations and isolate their layer. Type “layiso” as a command after selecting one of the spot elevations.

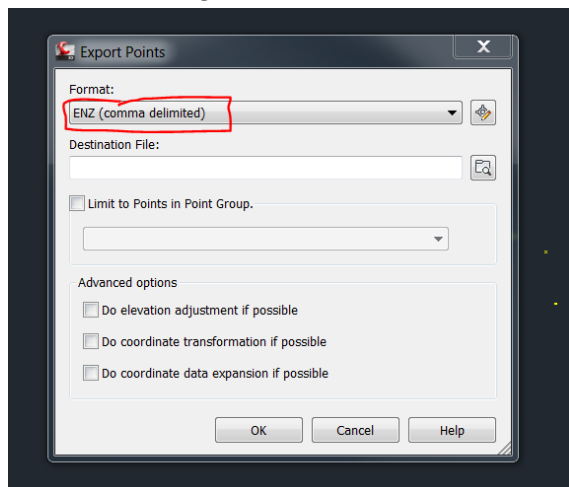


All other layers should turn off. If not, type “layiso” then type “s.” Type “off” then hit enter until there are no further prompts. This changes the layer isolate settings to turn off all other layers.

Now that the spot elevation layer is the only visible layer, select all spot elevations and select export points in the toolbar above. Circled in red below.

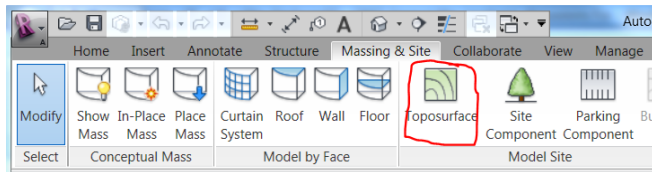


In the next dialog box, select the file format as ENZ (comma delimited.)

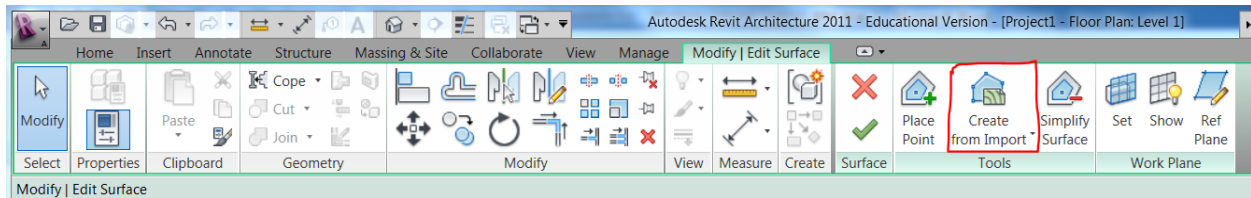


You will be required to save the file to a new folder, so if you do not have a target folder in mind where you are saving, create one.

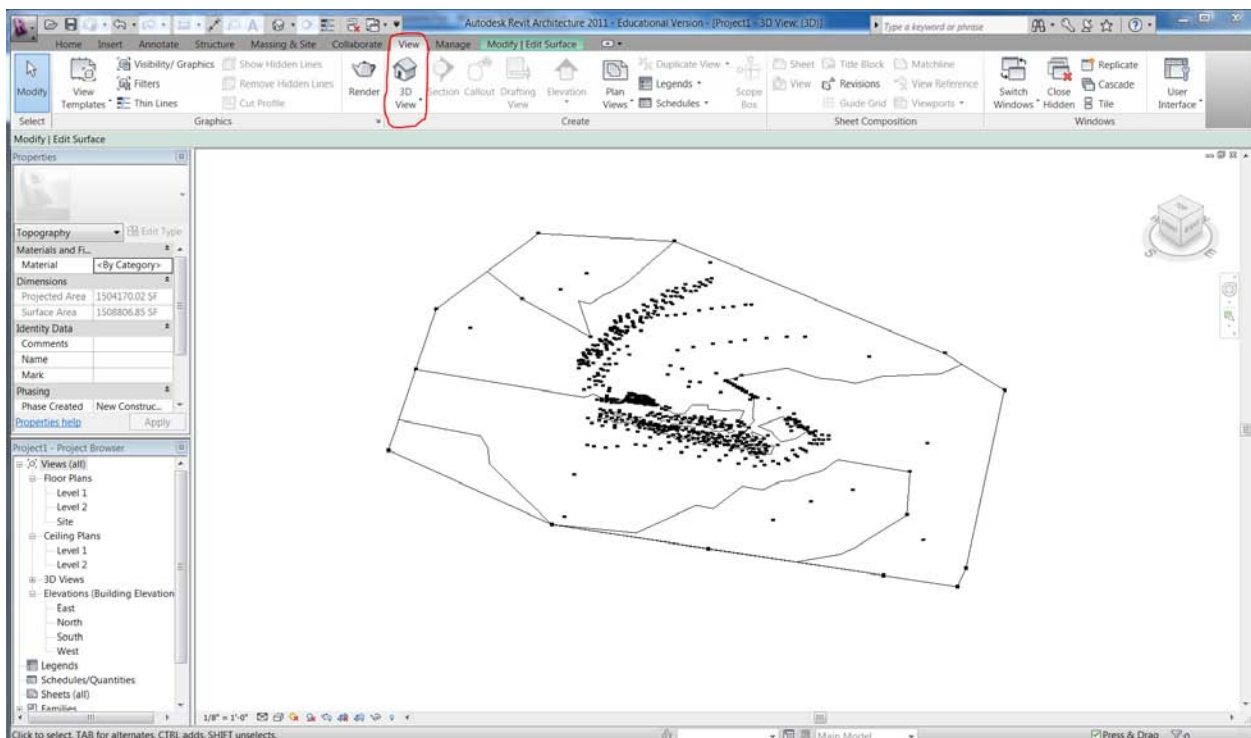
Next open a new Revit file. Under the Massing and Site tab, click toposurface. (Circled in red)



Hit escape, then choose “create from import” followed by “specify points file.” (Circled in red)



Then find your points file of spot elevations that you exported from Civil 3D or AutoCAD. Select it and import it. Close the warning pop-up. Then go to the “view” tab and click 3D view.



You now have a surface model in Revit that can be rendered and merged with a building.